



Procedure: C-A-OCR-ACC-OSH
Revision: 00
Revision Date: 05/20/03

COLLIDER-ACCELERATOR DEPARTMENT

Title: Operational Control Record, Accelerators

Preparer: P. Cirnigliaro

Group: ESH&Q

Approvals

Signature on File _____

Date: _____

ESH&Q Division Head

Signature on File _____

Date: _____

Collider-Accelerator Department Chairman

(Indicate additional signatures)

Y N

☐ ☐ FS Representative: _____ Date: _____

☐ ☐ Radiological Control Coordinator: _____ Date: _____

☐ ☐ Chief ME: _____ Date: _____

☐ ☐ Chief EE: _____ Date: _____

x ☐ ESH Coordinator: Signature on File _____ Date: _____

☐ ☐ QA Manager: _____ Date: _____

☐ ☐ Other: _____ Date: _____

**C-A OSH
OPERATIONAL CONTROLS RECORD**

Operational Controls Record For Occupational Safety and Health Hazards	Completed By: <u>P. Cirnigliaro</u> Date: <u>May 20, 2003</u>
1. Operations: Accelerator Operations, Testing, Maintenance and Emergency Response	
2. Activities: <ul style="list-style-type: none"> • Particle Acceleration and Transport • System Maintenance • System Upgrades • Emergencies 	
3. Controls - Accelerators, Access, Operational, Safety Engineering and Personal Protective Equipment, Emergency Response: All controls at the C-A complex are under a Formal Conduct of Operations (CO) and are described in detail in the C-A Operational Procedures (OPM) . <ul style="list-style-type: none"> • Accelerator Controls: OPM Chapter 5 - Linac, Booster, AGS and RHIC Startup; OPM Chapter 8 - Subsystems, Rad- Storage,-Chipmunks,-Fencing, Experimental Areas, Water, Waste; CO Chapter 9 -Lockouts and Tagouts • Access Controls: OPM Chapter 4 - Access Control System Testing, Sweep and Reset Requirements • Operational Controls: OPM Chapter 2 - Conduct of Operations, Control Room Activities, LOTO, Maintenance, Work Planning • Safety Engineering and Personnel Protective Equipment: OPM Chapter 9 - Radiation Safety, ESH Committees, ESH Review, ALARA, Safety Inspection, Cryogenic Safety • Emergency Response Controls: OPM Chapter 3, Emergency Procedures 	
4. Maintenance Plan(s): <ul style="list-style-type: none"> • OPM Chapter 2 - Conduct of Operations, Control Room Activities, LOTO, Maintenance, Work Planning 	
5. Actions to be Taken if Control Fail: <ul style="list-style-type: none"> • CO Chapter 4 - Communications • CO Chapter 6 - Investigation of Abnormal Occurrences • OPM Chapter 3 - Emergency Procedures • OPM Chapter 10 – Occurrence Reporting 	

6. Records: <ul style="list-style-type: none"> • CO Chapter 10 - Independent Verification • CO Chapter 11 - Logkeeping • OPM Chapter 13 - Quality Assurance 		
7. Responsibilities: (a) to ensure controls are in place; (b) to ensure controls keep working; (c) to take action when controls fail; (d) to create and keep records relative to operational controls <ul style="list-style-type: none"> • R2A2s • OPM Chapter 1 - Policies for Authorization, Training, Environment, Safety, Procedures, Minors, Visitors • CO Chapter 1 - Organization and Administration 		
Name		Responsibility
Responsible and authorized personnel are listed and maintained in the C-A Operational Procedures Manual		OPM Chapter 1 - Authorization OPM 1.11 - Department Requirements for Interaction with C-A OPM 1.10 - Occurrence Reporting and Processing of Operations Information
8. Training:		
Name	Training	Training Policy
Training data is maintained in BTMS	See specific Job Training Assessments (JTAs) in BTMS	OPM 1.12 – Training and Qualification Plan